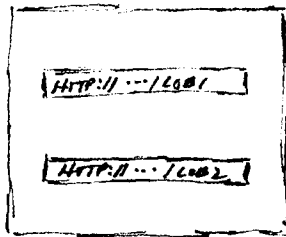


EXHIBIT B

WEB PAGE (CACHED NOT CACHED)

NFS

USER/CPP/NETDATA/LOBS



LOB1

LOB2

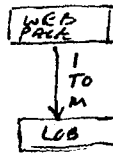
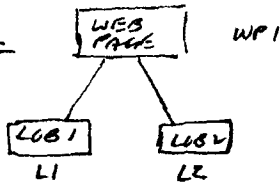
:

LOBN

MAINTAINED CONTEXT
THAT REFLECTS A
TENTATIVE WEB PAGE
CREATED

IF CACHED
LIFETIME =
#SECONDS WEB
PAGE VISIBLE

CACHED
WEB PAGES



WEB PAGE NOT RETURNED TO USER AT
BROWSER UNTIL LOBS SUCCESSFULLY
PLACED IN NFS. LIKEWISE, WEB PA
NOT ~~REMOVED~~ CACHED UNTIL DEPEND
OBJECTS SUCCESSFULLY PLACED IN
NFS.

CACHE TABLE INFORMATION

URL+ENTRY STREAM + FORM DATA	USER OF OBJECT	EXPIRATION VALUE	USAGE_SCOPE	...
		DATE+TIME (CREATION DATE AND TIME PLUS LIFETIME)	PUBLIC OR PRIVATE	

DEPENDENCY TABLE

CACHED PAGE	LOB
WP1	L1
WP2	L2
:	

WHEN WEB PAGE IS DELETED FROM CACHE, ASSOCIATED
LARGE OBJECTS ARE REMOVED FROM NFS
WHEN LOB IS DELETED FROM NFS, ANY OBJECTS
DEPENDENT ON IT ARE DELETED FROM THE CACHE

TABLE

CACHED WEB PAGE ALWAYS DELETED BEFORE ^{DEPENDENT} LOBS
REMOVED FROM CACHE

WEB PAGES NOT CACHED

MANAGE LOBS IN NFS USING A LIFETIME VALUE PROVIDED THROUGH CONFIGURATION

SECURITY? WEB SERVER
MUST HAVE AUTHORITY TO DELETE OBJECTS FROM
CACHE AND FROM NFS DIRECTORY
ON SUB CARD OF WEB SERVER PROCEEDING
CREATION OF NFS DIRECTORY
DELETE ~~OBJECTS~~ PREVIOUSLY FOR ELEMENTS IN CACHE

COMMAND - PURGE THE CACHE NOW

NET.DATA MARKED INJECTED SOURCE

